

Amendments to the Specification

Please replace the paragraph on page 1, lines 8-11 with the following paragraph:

This invention is the U.S. National Phase of International Patent Application No. PCT/US02/15729, filed May 16, 2002, and claims the benefit of co-pending U.S. Provisional Application No. 60/291,583, entitled Fluid Delivery System For Use With A Surgical Pumping Unit, filed May 16, 2001, the entire disclosure of which is incorporated by reference as if set forth in its entirety for all purposes.

Please replace the paragraph on page 15, lines 8-14 with the following amended paragraph:

Instead of screw threads the pump may be connected to the L-bracket extension 340 by a bayonet-type lock as seen in ~~Fig. 35~~ Fig. 34. In this embodiment, spike 342 is connected to a top end of the impeller housing 344 by a press fit with an O-ring 346 providing a fluid seal. Impeller housing 344 is located within extension 340 so that spike 342 extends through an opening 348 for connection with a fluid bag. Impeller housing 344 is then rotated so that a protrusion 350 is received in a lock opening 352 in extension 340.

Please replace the paragraph on page 15, lines 19-26 with the following amended paragraph:

~~Figure 36~~ Figure 35 shows another embodiment in which a pump such as, for example, is directly connect to a fluid bag and is supported by a special fitting. An outer fitting 360 is securely attached to impeller housing 362 so that spike 364 extends through and out of outer fitting 360 for connection with a fluid bag. Outer fitting 360 includes an inner member 366 with gripping teeth 368 to frictionally grip the outside of fluid bag outlet 365 when spike 364 is attached thereto. In this embodiment, the pump is suspended from the fluid bag but is held by the frictional engagement between inner member 366 and the fluid bag outlet.

Please replace the paragraph beginning on page 15, line 27, extending to page 16, line 2, with the following amended paragraph:

~~Figure 37~~ Figure 36 shows another embodiment in which the pump is suspended from the fluid bag by a spike 380. However, fluid flow is not automatically started upon spiking the fluid bag. Spike 380 includes a valve lever 382 that is normally biased to a closed position by an extension spring 383. After spike 380 has been inserted into the fluid bag the fluid bag presses down on valve lever 382 against the bias of extension spring 383 to the position shown in phantom in Fig. 37 to open the fluid passageway in spike 380 to allow fluid to flow from the fluid bag. Fluid flow will only be facilitated when valve lever 382 is moved down by the fluid bag. When the fluid bag is removed valve lever 382 is closed by extension spring 383.

Please replace the paragraph beginning on page 16, lines 6-14, with the following amended paragraph:

~~Figures 38 and 39~~ Figures 37 and 38 show another embodiment in which the pump is suspended from the fluid bag by a spike 400. Retainer housing 402 slidably supports spike 400 that includes upper and lower detent recesses 404 and 406 for selective engagement with detent 408 on retainer housing 402. A stopper 412 is fixedly located within retainer housing 402. After spike 400 is connected to the fluid bag spike 400 is moved into the sealed position shown in Fig. 38 in which detent 408 is located in upper recess 404. In this position, stopper 412 closes fluid passageway 414 to block fluid flow. The user is then required to pull the pump downwardly to move detent 408 into lower recesses 406 to open passageway 414.

Please replace the paragraph beginning on page 16, lines 15-25, with the following amended paragraph:

~~Figure 40~~ Figure 39 shows an alternative embodiment of supporting the pump from a fluid bag 450. In this embodiment, spike 452 includes a retainer fan 454 that is retracted until spike 452 is inside fluid bag 450. Spike 452 has an outer diameter that is less than the inner diameter of fluid bag outlet 456 so that there is clearance between the walls of fluid bag outlet 456 and spike 452. In use, the user will spike fluid bag 450 while retainer fan 454 is retracted. After spiking fluid bag 450, retainer fan 454 is opened by an actuator 458 on impeller housing ~~460~~ 459 so that retainer fan 454 moves up into fluid bag 450 and opens. Retainer fan 454 will be completely open when it passes fluid bag outlet 456. The user then releases the pump which will drop under its own weight so that retaining fan 454 can rest on the inside of fluid bag 450. The fluid bag outlet 456 includes a seal ~~462~~ 460 to prevent fluid loss.

Please replace the paragraph beginning on page 16, lines 26-32, with the following amended paragraph:

~~Figures 41 and 42~~ Figures 40-41 show one embodiment for actuating retainer fan 454. Retainer fan 454 includes spring-biased arms ~~460~~ 461 that are normally closed as seen in ~~Fig. 42~~ Fig. 41. To open retainer fan 454 actuator 458 is moved to the left as shown in ~~Fig. 42~~ Fig. 41 so that bottom portion 462, which in the closed position rests on upper surface 464 of actuator 458, moves downward along surface 468 to rest on surface 466. As bottom portion moves arms ~~460~~ 461 are biased open (~~Fig. 41~~) (Fig. 40) to rest or engage inner surface 470 of fluid bag 450.